

LABORATORY REPORT

Prepared For: GPL Laboratories Project: Omega Chemical

7210-A Corporate Court Frederick, MD 21703 Attention: Tim Mikesell

Sampled: 11/09/06 Received: 11/09/06

Issued: 11/27/06 19:44

NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

CASE NARRATIVE

 LABORATORY ID
 CLIENT ID
 MATRIX

 IPK1061-01
 OC2-MW201-W-0-269
 Water

 IPK1061-02
 OC2-MW101-W-0-270
 Water

SAMPLE RECEIPT: Samples were received intact, at 3°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica

Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

Reviewed By:

TestAmerica - Irvine, CA

Diane Suzuki Project Manager



7210-A Corporate Court Sampled: 11/09/06

Frederick, MD 21703 Report Number: IPK1061 Received: 11/09/06

Attention: Tim Mikesell

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK1061-01 (OC2-MW201-W	V-0-269 - Water)							
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	6K12038	0.0020	ND	0.99	11/12/2006	11/15/2006	
Sample ID: IPK1061-02 (OC2-MW101-W	V-0-270 - Water)							RL-4
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	6K12038	0.0029	0.0012	1.43	11/12/2006	11/15/2006	J



Project ID: Omega Chemical

7210-A Corporate Court Frederick, MD 21703

Sampled: 11/09/06 Report Number: IPK1061

Attention: Tim Mikesell

Received: 11/09/06

		INOR	GANICS					
Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK1061-01 (OC2-MW201-W-0 Reporting Units: mg/l)-269 - Water)							
Chromium VI	EPA 218.6	6K09100	0.00030	ND	1	11/9/2006	11/9/2006	
Sample ID: IPK1061-02 (OC2-MW101-W-0 Reporting Units: mg/l)-270 - Water)							
Chromium VI	EPA 218.6	6K09100	0.00030	ND	1	11/9/2006	11/9/2006	



7210-A Corporate Court Sampled: 11/09/06

Frederick, MD 21703 Report Number: IPK1061 Received: 11/09/06

Attention: Tim Mikesell

CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK1061-01RE1 (OC2-MW201 Reporting Units: ng/L 1,2,3-Trichloropropane (123-TCP)	I-W-0-269 - Water) SRL 524M-TCP	C6K1708	120	ND	25	11/17/2006	11/17/2006	RL-1
Sample ID: IPK1061-02 (OC2-MW101-W-Reporting Units: ng/L	2	CORT700	120	ND	23	11/1//2000	11/1//2000	KL-1
1,2,3-Trichloropropane (123-TCP)	SRL 524M-TCP	C6K1708	120	ND	25	11/17/2006	11/17/2006	RL-1



7210-A Corporate Court Sampled: 11/09/06

Frederick, MD 21703 Report Number: IPK1061 Received: 11/09/06
Attention: Tim Mikesell

SHORT HOLD TIME DETAIL REPORT

Sample ID: OC2-MW201-W-0-269 (IPK100	Hold Time (in days) 61-01) - Water	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
EPA 218.6	1	11/09/2006 08:20	11/09/2006 13:16	11/09/2006 13:00	11/09/2006 16:07
Sample ID: OC2-MW101-W-0-270 (IPK100	61-02) - Water				
EPA 218.6	1	11/09/2006 10:55	11/09/2006 13:16	11/09/2006 13:00	11/09/2006 16:18



Project ID: Omega Chemical

7210-A Corporate Court Frederick, MD 21703 Attention: Tim Mikesell

Report Number: IPK1061

Sampled: 11/09/06

Received: 11/09/06

METHOD BLANK/QC DATA

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

		Reporting		Spike	Source		%REC		RPD	Data
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: 6K12038 Extracted: 11/12/06										
Blank Analyzed: 11/14/2006 (6K12038-E	BLK1)									
N-Nitrosodimethylamine	0.000530	0.0020	ug/l							J
LCS Analyzed: 11/14/2006 (6K12038-BS	51)									
N-Nitrosodimethylamine	0.00857	0.0020	ug/l	0.0100		86	60-140			
LCS Analyzed: 11/14/2006 (6K12038-BS	52)									
N-Nitrosodimethylamine	0.00207	0.0020	ug/l	0.00200		104	60-140			
Matrix Spike Analyzed: 11/14/2006 (6K)	12038-MS1)				Source: I	PK0962-0	2			
N-Nitrosodimethylamine	0.00794	0.0020	ug/l	0.0100	ND	79	50-130			
Matrix Spike Dup Analyzed: 11/14/2006	(6K12038-M	SD1)			Source: I	PK0962-0	2			
N-Nitrosodimethylamine	0.00792	0.0019	ug/l	0.00971	ND	82	50-130	0	30	



Project ID: Omega Chemical

7210-A Corporate Court Frederick, MD 21703 Attention: Tim Mikesell

Report Number: IPK1061

Sampled: 11/09/06

Received: 11/09/06

METHOD BLANK/QC DATA

INORGANICS

A 1.4		Reporting	TT *4	Spike	Source	0/DEC	%REC	DDD	RPD	Data
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: 6K09100 Extracted: 11/09/06										
Blank Analyzed: 11/09/2006 (6K09100-B	LK1)									
Chromium VI	ND	0.00030	mg/l							
LCS Analyzed: 11/09/2006 (6K09100-BS	1)									
Chromium VI	0.0500	0.00030	mg/l	0.0500		100	90-110			
Matrix Spike Analyzed: 11/09/2006 (6K0	9100-MS1)				Source: I	PK1040-0	5			
Chromium VI	0.0490	0.00030	mg/l	0.0500	ND	98	90-110			
Matrix Spike Analyzed: 11/09/2006 (6K0	9100-MS2)				Source: I	PK1132-0	6			
Chromium VI	0.354	0.0015	mg/l	0.250	0.11	98	90-110			
Matrix Spike Dup Analyzed: 11/09/2006	(6K09100-MS	D1)			Source: I	PK1040-0	5			
Chromium VI	0.0490	0.00030	mg/l	0.0500	ND	98	90-110	0	10	
Matrix Spike Dup Analyzed: 11/09/2006	(6K09100-MS	D2)			Source: Il	PK1132-0	6			
Chromium VI	0.357	0.0015	mg/l	0.250	0.11	99	90-110	1	10	



Project ID: Omega Chemical

7210-A Corporate Court Frederick, MD 21703 Attention: Tim Mikesell

Report Number: IPK1061

Sampled: 11/09/06

Received: 11/09/06

METHOD BLANK/QC DATA

CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

		Reporting		Spike	Source		%REC		RPD	Data
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: C6K1708 Extracted: 11/17/06										
Blank Analyzed: 11/17/2006 (C6K1708-I	BLK1)									
1,2,3-Trichloropropane (123-TCP)	ND	5.0	ng/L							
LCS Analyzed: 11/17/2006 (C6K1708-BS	S1)									
1,2,3-Trichloropropane (123-TCP)	5.41	5.0	ng/L	5.00		108	80-120			
Matrix Spike Analyzed: 11/17/2006 (C6F	K1708-MS1)				Source: C	CPK0438-0)5			
1,2,3-Trichloropropane (123-TCP)	45.5	5.0	ng/L	50.0	ND	91	80-120			
Matrix Spike Dup Analyzed: 11/17/2006	(C6K1708-N	MSD1)			Source: C	CPK0438-0)5			
1,2,3-Trichloropropane (123-TCP)	45.9	5.0	ng/L	50.0	ND	92	80-120	1	20	



7210-A Corporate Court Sampled: 11/09/06

Frederick, MD 21703 Report Number: IPK1061 Received: 11/09/06

Attention: Tim Mikesell

DATA QUALIFIERS AND DEFINITIONS

- J Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
- **RL-1** Reporting limit raised due to sample matrix effects.
- **RL-4** Reporting limit raised due to insufficient sample volume.
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- **RPD** Relative Percent Difference



7210-A Corporate Court Sampled: 11/09/06

Frederick, MD 21703 Report Number: IPK1061 Received: 11/09/06
Attention: Tim Mikesell

Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 218.6	Water	N/A	X
EPA 524.2 Mod	Water		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

TestAmerica - Ontario, CA California Cert #1169, Arizona Cert #AZ0062, Nevada Cert #CA-242

1014 E. Cooley Drive, Suite AB - Colton, CA 92324

Method Performed: SRL 524M-TCP Samples: IPK1061-01RE1, IPK1061-02

DOI Mar Analytical

CHAIN OF CUSTODY FORM

metalis i Condevi Der Skatolis Alfraher i CA abayori landirang ang ingenistasi 1909, 1979, 1940, selangan dan selangan dan

		The second of th			
•			**************************************	์ เ	
King College			<i>j</i> ;		
Project Manager		Phone Number:	;) ;)		
		がある。そのでは、	(.V)		
Sampler		IX Number:	17.		
		かつてアーカアカーカーレ	<i>P</i>	-	
Sample Description	Sample Container # Matrix Type Co	# of Sampling Sampling Preservatives	Se		
Control of the State of the Sta		The state of the s			Special Instructions
できる できない から		A 11416 0620 NOW	×		
017 MM 301-100-16/1 WAL 12/4	THE WAY POLY	1 11 12 10 10 10 10 10 10 10 10 10 10 10 10 10	`x		
CC2-INWall-wordsynaky VOA			×		
OC>-MW101-W-C270 water amber	70 water amby)				
1007- MW. 101-10-10-10-10-40	2 TOWAY ROLL	-	>		
	+-		4		
とうというということを	+	3 1119106 1055 HCI	×	-	
	1				
	XX				
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				
	7	11/9/			
) () () ()			
					50
Relinquished By:	Date/Time:	Received By:	Date/Time:		Turnaround Time: (Check)
Relinguished Bv.	T) 040 0				same day 72 hours
	Date / Illie:	Received By:	Date/Time:		24 hours 5 days
Relinquished By:	/ / Date/Time				
and shall	1/4/06	1316 Mart (102)	Date/Time:		ntegrity: (Chec
Note: By relinguishing samples to Dol May Apply disc.	1 3		111/100	1216	intact \(\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sq}}}}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}}} \end{\sqni{\sqnt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}} \sqrt{\sqrt{\s

Note: By relinquisfing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

H28